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1	CAGCTCTCAT	TTCTCCAAAA	ATGTGTTTGA	GCCACTTGGA	AAATATGCCT
	GTCGAGAGTA	AAGAGGTTTT	TACACAAACT	CGGTGAACCT	TTTATACGGA
1			MetCysLeuS	erHisLeuGl	uAsnMetPro
51	TTAAGCCATT	CAAGAAGTCA	AGGAGCTCAG	AGATCATCCT	GGAAGCTGTG
	AATTCGGTAA	GTTCTTGAGT	TCCTCGAGTC	TCTAGTAGGA	CCTTCGACAC
	LeuSerHisS	erArgThrGl	nGlyAlaGln	ArgSerSerT	rpLysLeuTrp
101	GCTCTTTTGC	TCAATAGTTA	TGTTGCTATT	TCTTTGCTCC	TTCAGTTGGC
	CGAGAAAACG	AGTTATCAAT	ACAACGATAA	AGAAACGAGG	AAGTCAACCG
28	LeuPheCys	SerIleValM	etLeuLeuPh	eLeuCysSer	PheSerTrpL
151	TAATCTTTAT	TTTTCTCCAA	TTAGAGACTG	CTAAGGAGCC	CTGTATGGCT
	ATTAGAAATA	AAAAGAGGTT	AATCTCTGAC	GATTCCTCGG	GACATACCGA
	euIlePheIl	ePheLeuGln	LeuGluThrA	laLysGluPr	oCysMetAla
201	AAGTTTGGAC	CATTACCCTC	AAAATGGCAA	ATGGCATCTT	CTGAACCTCC
	TTCAAACCTG	GTAATGGGAG	TTTTACCGTT	TACCGTAGAA	GACTTGGAGG
61	LysPheGlyP	roLeuProSe	rLysTrpGln	MetAlaSerS	erGluProPr
251	TTGCGTGAAT	AAGGTGTCTG	ACTGGAAGCT	GGAGATACTT	CAGAATGGCT
	AACGCACTTA	TTCCACAGAC	TGACCTTCGA	CCTCTATGAA	GTCTTACCGA
	oCysValAsn	LysValSerA	spTrpLysLe	uGluIleLeu	GlnAsnGlyLeu
301	TATATTTAAT	TTATGGCCAA	GTGGCTCCCA	ATGCAAACCTA	CAATGATGTA
	ATATAAATTA	AATACCGGTT	CACCGAGGGT	TACGTTTGAT	GTTACTACAT
95	TyrLeuIl	eTyrGlyGln	ValAlaProA	snAlaAsnTy	rAsnAspVal
351	GCTCCTTTTG	AGGTGCGGCT	GTATAAAAAC	AAAGACATGA	TACAAACTCT
	CGAGGAAAAC	TCCACGCCGA	CATATTTTTG	TTTCTGTACT	ATGTTTGAGA
	AlaProPheG	luValArgLe	uTyrLysAsn	LysAspMetI	leGlnThrLeu
401	AACAAACAAA	TCTAAAATCC	AAAATGTAGG	AGGGACTTAT	GAATTGCATG
	TTGTTTGTTT	AGATTTTAGG	TTTTACATCC	TCCCTGAATA	CTTAACGTAC
128	ThrAsnLys	SerLysIleG	lnAsnValGl	yGlyThrTyr	GluLeuHisV
451	TTGGGGACAC	CATAGACTTG	ATATTCAACT	CTGAGCATCA	GGTTCTAAAA
	AACCCCTGTG	GTATCTGAAC	TATAAGTTGA	GACTCGTAGT	CCAAGATTTT
	alGlyAspTh	rIleAspLeu	IlePheAsnS	erGluHisGl	nValLeuLys
501	AATAATACAT	ACTGGGGTAT	CATTTTACTA	GCAAATCCCC	AATTCATCTC
	TTATTATGTA	TGACCCCAT	GTAAAATGAT	CGTTTAGGGG	TTAAGTAGAG
161	AsnAsnThrT	yrTrpGlyIl	eIleLeuLeu	AlaAsnProG	lnPheIleSe
551	CTAGAGACTT	GATTTGATCT	CCTCATTCCT	TTCAGCACAT	GTAGAGGTGC
	GATCTCTGAA	CTAAACTAGA	GGAGTAAGGG	AAGTCGTGTA	CATCTCCACG
	RAM*				

FIG. 1-1

601	CAGTGGGTGG	ATTGGAGGGA	GAAGATATTC	AATTTCTAGA	GTTTGTCTGT
	GTCACCCACC	TAACCTCCCT	CTTCTATAAG	TTAAAGATCT	CAAACAGACA
651	CTACAAAAAT	CAACACAAAC	AGAACTCCTC	TGCACGTGAA	TTTTCATCTA
	GATGTTTTTA	GTTGTGTTTG	TCTTGAGGAG	ACGTGCACTT	AAAAGTAGAT
701	TCATGCCTAT	CTGAAAGAGA	CTCAGGGGAA	GAGCCAAAGA	CTTTTGGTG
	AGTACGGATA	GACTTTCTCT	GAGTCCCCTT	CTCGGTTTCT	GAAAACCAAC
751	GATCTGCAGA	AATACTTCAT	TAATCCATGA	TAAAACAAAT	ATGGATGACA
	CTAGACGTCT	TTATGAAGTA	ATTAGGTACT	ATTTTGTTTA	TACCTACTGT
801	GAGGACATGT	GCTTTTCAAA	GAATCTTTAT	CTAATTCTTG	AATTCATGAG
	CTCCTGTACA	CGAAAAGTTT	CTTAGAAATA	GATTAAGAAC	TTAAGTACTC
851	TGGAAAAATG	GAGTTCTATT	CCCATGGAAG	ATTTACCTGG	TATGCAAAAA
	ACCTTTTTTAC	CTCAAGATAA	GGGTACCTTC	TAAATGGACC	ATACGTTTTT
901	GGATCTGGGG	CAGTAGCCTG	GCTTTGTTCT	CATATTCTTG	GGCTGCTGTA
	CCTAGACCCC	GTCATCGGAC	CGAAACAAGA	GTATAAGAAC	CCGACGACAT
951	ATTCATTCTT	CTCATACTCC	CATCTTCTGA	GACCCTCCCA	ATAAAAAGTA
	TAAGTAAGAA	GAGTATGAGG	GTAGAAGACT	CTGGGAGGGT	TATTTTTTCAT
1001	GACTGATAGG	ATGGCCACAG	ATATGCCTAC	CATACCCTAC	TTTAGATATG
	CTGACTATCC	TACCGGTGTC	TATACGGATG	GTATGGGATG	AAATCTATAC
1051	GTGGTGTTAG	AAGATAAAGA	ACAATCTGAG	AACTATTGGA	ATAGAGGTAC
	CACCACAATC	TTCTATTTCT	TGTTAGACTC	TTGATAACCT	TATCTCCATG
1101	AAGTGGCATA	AAATGGAATG	TACGCTATCT	GGAAATTTCT	CTTGGTTTTA
	TTCACCGTAT	TTTACCTTAC	ATGCGATAGA	CCTTTAAAGA	GAACCAAAAT
1151	TCTTCCTCAG	GATGCAGGGT	GCTTTAAAAA	GCCTTATCAA	AGGAGTCATT
	AGAAGGAGTC	CTACGTCCCA	CGAAATTTTT	CGGAATAGTT	TCCTCAGTAA
1201	CCGAACCCCTC	ACGTAGAGCT	TTGTGAGACC	TTACTGTTGG	TGTGTGTGTC
	GGCTTGGGAG	TGCATCTCGA	AACACTCTGG	AATGACAACC	ACACACACAG
1251	TAAACATTGC	TAATTGTAAA	GAAAGAGTAA	CCATTAGTAA	TCATTAGGTT
	ATTTGTAACG	ATTAACATTT	CTTCTCATT	GGTAATCATT	AGTAATCCAA

FIG.1-2

1301 TAACCCAGAG ATGGTATTAT CATTACTGGA TTATGTCATG TAATGATTTA
 ATTGGGGTCT TACCATAATA GTAATGACCT AATACAGTAC ATTACTAAAT
 1351 GTATTTTATAG CTAGCTTTCC ACAGTTTGCA AAGTGCTTTC GTAAAACAGT
 CATAAAAATC GATCGAAAGG TGTCAAACGT TTCACGAAAG CATTTTGTCA
 1401 TAGCAATTCT ATGAAGTTAA TTGGGCAGGC ATTTGGGGGA AAATTTTAGT
 ATCGTTAAGA TACTTCAATT AACCCGTCCG TAAACCCCT TTTAAAATCA
 1451 GATGAGAATG TGATAGCATA GCATAGCCAA CTTTCCTCAA CTCATAGGAC
 CTACTCTTAC ACTATCGTAT CGTATCGGTT GAAAGGAGTT GAGTATCCTG
 1501 AAGTGACTION AAGAGGCAAT GGGTAGTCCC CTGCATTGCA CTGTCTCAGC
 TTCACTGATG TTCTCCGTTA CCCATCAGGG GACGTAACGT GACAGAGTCG
 1551 TTTAGAATTG TTATTTCTGC TATCGTGTTA TAAGACTCTA AAACCTTAGCG
 AAATCTTAAC AATAAAGACG ATAGCACAAT ATTCTGAGAT TTTGAATCGC
 1601 AATTCACCTT TCAGGAAGCA TATCCCCCTT TAGCCCAAGG TGAGCAGAGT
 TTAAGTGAAA AGTCCTTCGT ATAAGGGGAA ATCGGGTTCC ACTCGTCTCA
 1651 GAAGCTACAA CAGATCTTTC CTTTACCAGC ACACCTTTTTT TTTTTTTTCC
 CTTCGATGTT GTCTAGAAAG GAAATGGTCG TGTGAAAAAA AAAAAAAGG
 1701 TGCCTGAATC AGGGAGATCC AGGATGCTGT TCAGGCCAAA TCCCAACCAA
 ACGGACTTAG TCCCTCTAGG TCCTACGACA AGTCCGGTTT AGGGTTGGTT
 1751 ATTCCCCTTT TCACTTTGCA GGGCCCATCT TAGTCAAATG TGCTAACTTC
 TAAGGGGAAA AGTGAAACGT CCCGGGTAGA ATCAGTTTAC ACGATTGAAG
 1801 TAAAATAATA AATAGCACTA ATTCAAAATT TTTGGAATCT TAAATTAGCT
 ATTTTATTAT TTATCGTGAT TAAGTTTAA AAACCTTAGA ATTTAATCGA
 1851 ACTTGCNNGT TGCTTGTTGA AAGGNATATA ATGATTACAT TGTAACAAA
 TGAACGNCCA ACGAACAAC TCCNTATAT TACTAATGTA ACATTTGTTT
 1901 TTTAAAATAT TTATGGATAT TTGTGAAAAG CTGCATTATG TTAAATAATA
 AAATTTTATA AATACCTATA AACACTTTTC GACGTAATAC AATTTATTAT
 1951 TTACATGTAA AGCT
 AATGTACATT TCGA

FIG. 1-3

			<u>A</u>	<u>A'</u>	<u>B'</u>
DNA	19355	52	ETAKEPCMAKFG-----	PLPSK----	WQMASSEP-PCVNKVSDWK--
TNF- α	84	84	PSDK-PVAHVVA-----	NPQAEQ-QLQ-----	WLNRR-ANALLANGVELRDNQ
Apo2L	119	119	GPQR-VAAHITGTRGRSNTLSSPNSKNEKALGRKINSWESSRSGHSFLSNLH-LRNGE		
CD95L	142	142	E-LR-KVAHLTG-----	KSNSRSM-PLE-----	WEDTY-GIVLLS-GVKYKKG
LTO	59	59	STLK-PAAHLIG-----	DPSKQN-SLL-----	WRANT-DRAFLQDGFSLSNNS

			<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>
DNA	19355	86	LEILQNGLYLIYGQVAPNAN-----	YNDVAPFEVRLYKNK-	DMIQTLTNK-SKIQN	
TNF- α	124	124	LVPSEGLYLIYSQVLFKGQGCP-----	STHVLLTHTISRIAVS---	YQTKVNLLSAIKS	
Apo2L	175	175	LVIHEKGFYIYSQTYFRFQEEIKENTKNDKQMVQYIYKYTSYPDPI--		LLMKSARNSC	
CD95L	182	182	LVINETGLYFVYSKVYFRGQSC-----	NNPLSHKVYMRNSKY--	PQDLVMMEGKMMS	
LTO	99	99	LLVPTSGIYFVYSQVVFSGKAYSPKATSSPLYLAHEVQLFSSQYPFHVPLL-SSQKMVY			

			<u>F</u>	<u>G</u>	<u>H</u>
DNA	19355	136	-----	VGGTYELHVGD	TIDLIFNSEHQVLKNNT-YWGIILLANPQF-IS
TNF- α	176	176	PCQRETPEGAEAKPWYEPIYLGVGQLEKGDRLSAEINRPDYLDFAESGQVYFGI		AL
Apo2L	232	232	-----	WSKDAEYGLYSIYQCGIFELKENDRIFVSVTNEHLIDMDHEA-SFFGAGLVG	
CD95L	233	233	-----	YCTTGQMMWARSSYLGAVFNLTSADHLVYVNSELSLVNF-EESQTF	FFGLYKL
LTO	157	157	-----	PGLQEPWLHSMYHGA	FQLTQGDQLSTHTDIGIPHLVL-SPSTVFFGAFAL

FIG.2

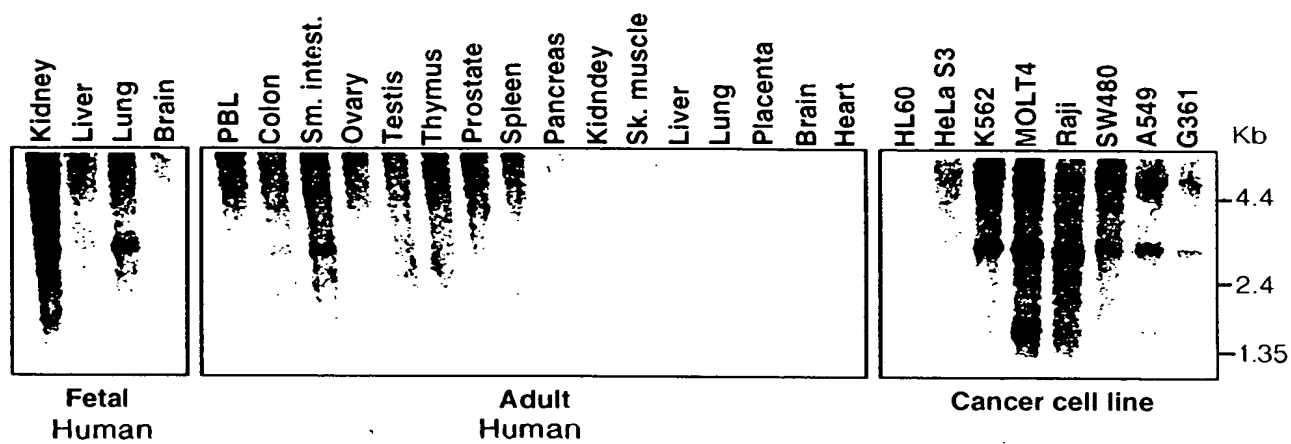


FIG. 3

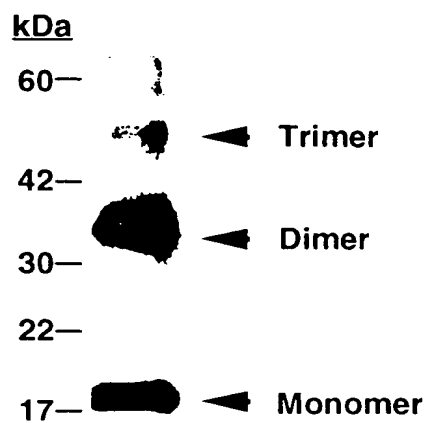


FIG. 4

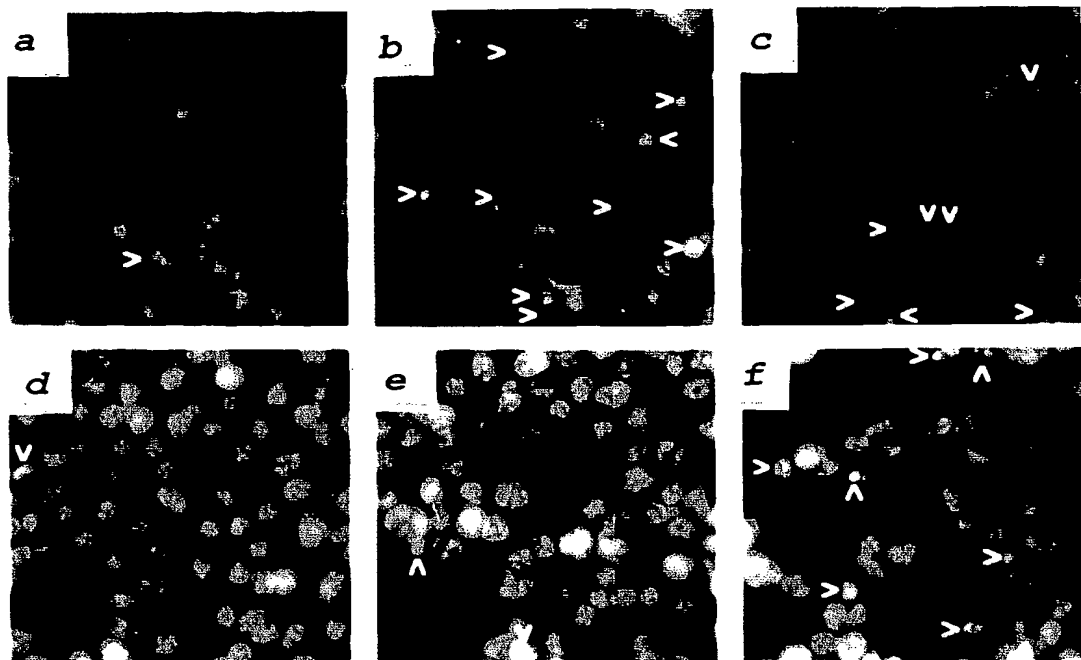


FIG. 5A

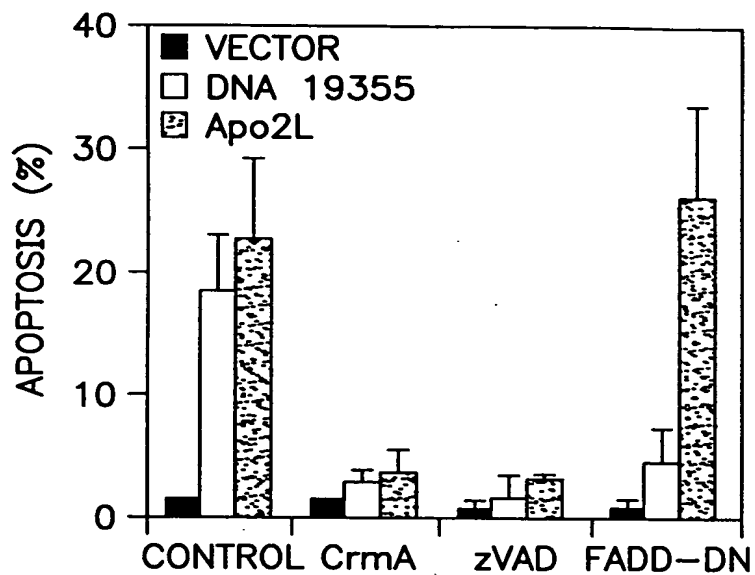


FIG. 5B

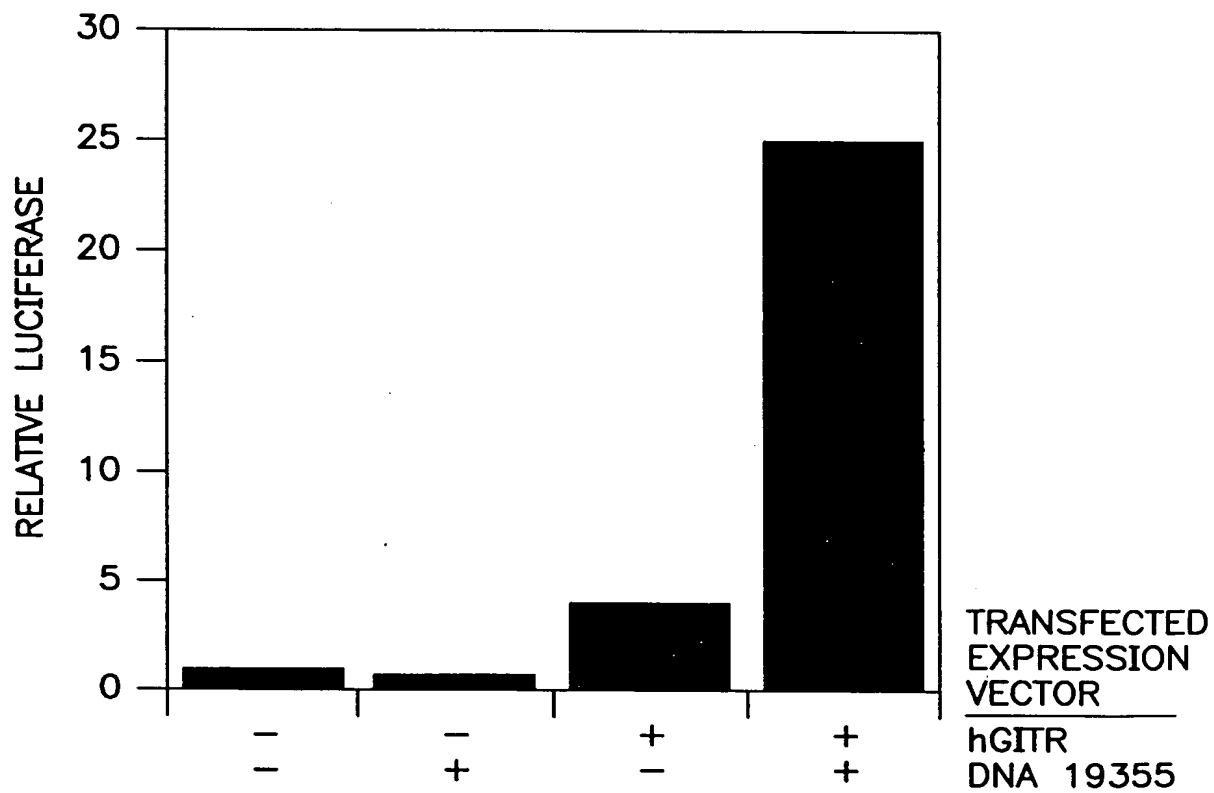


FIG. 10

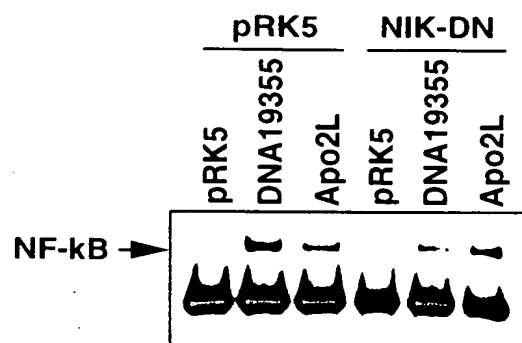


FIG. 6

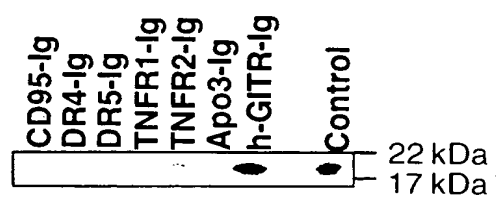


FIG. 8

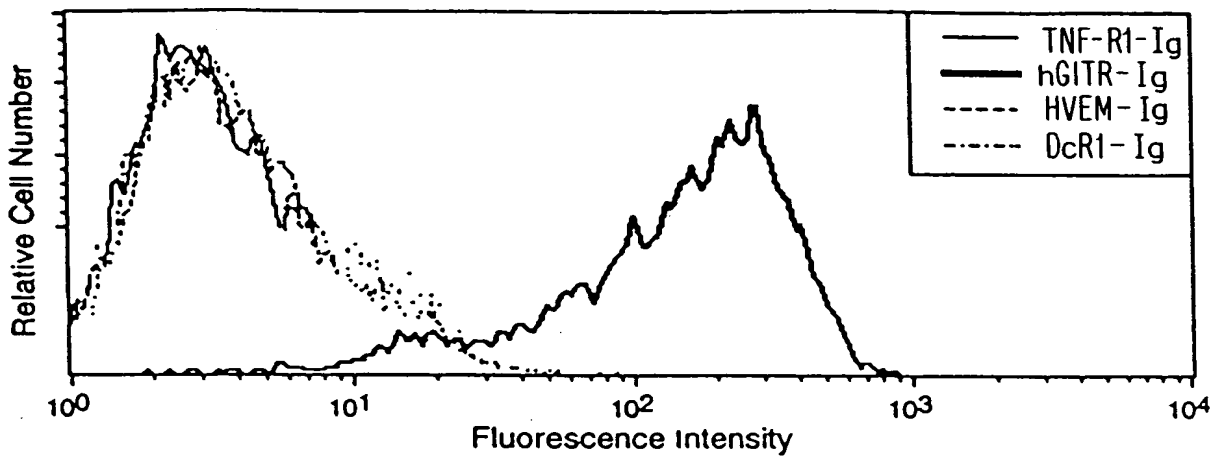


FIG. 9A

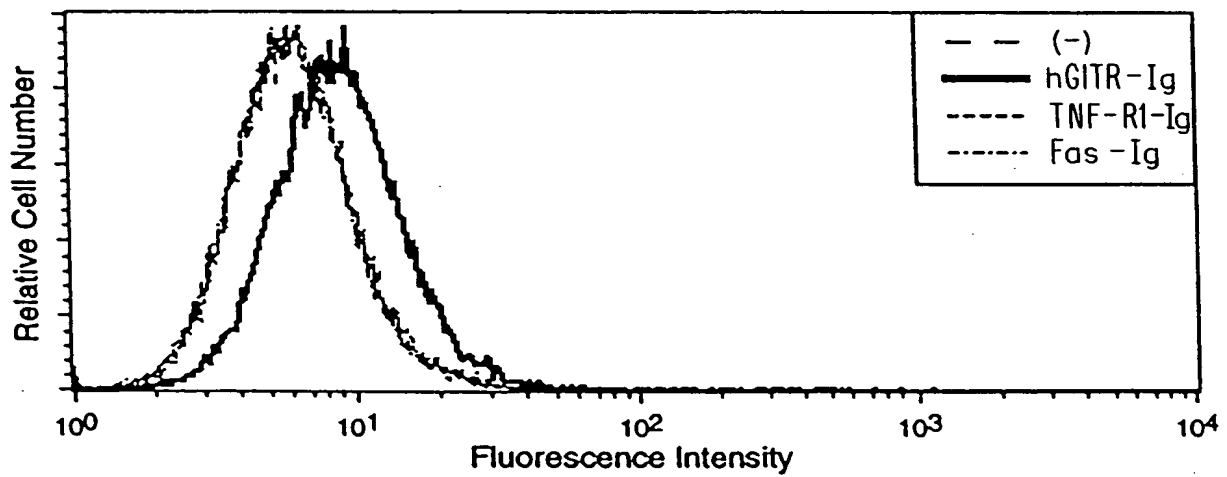


FIG. 9B

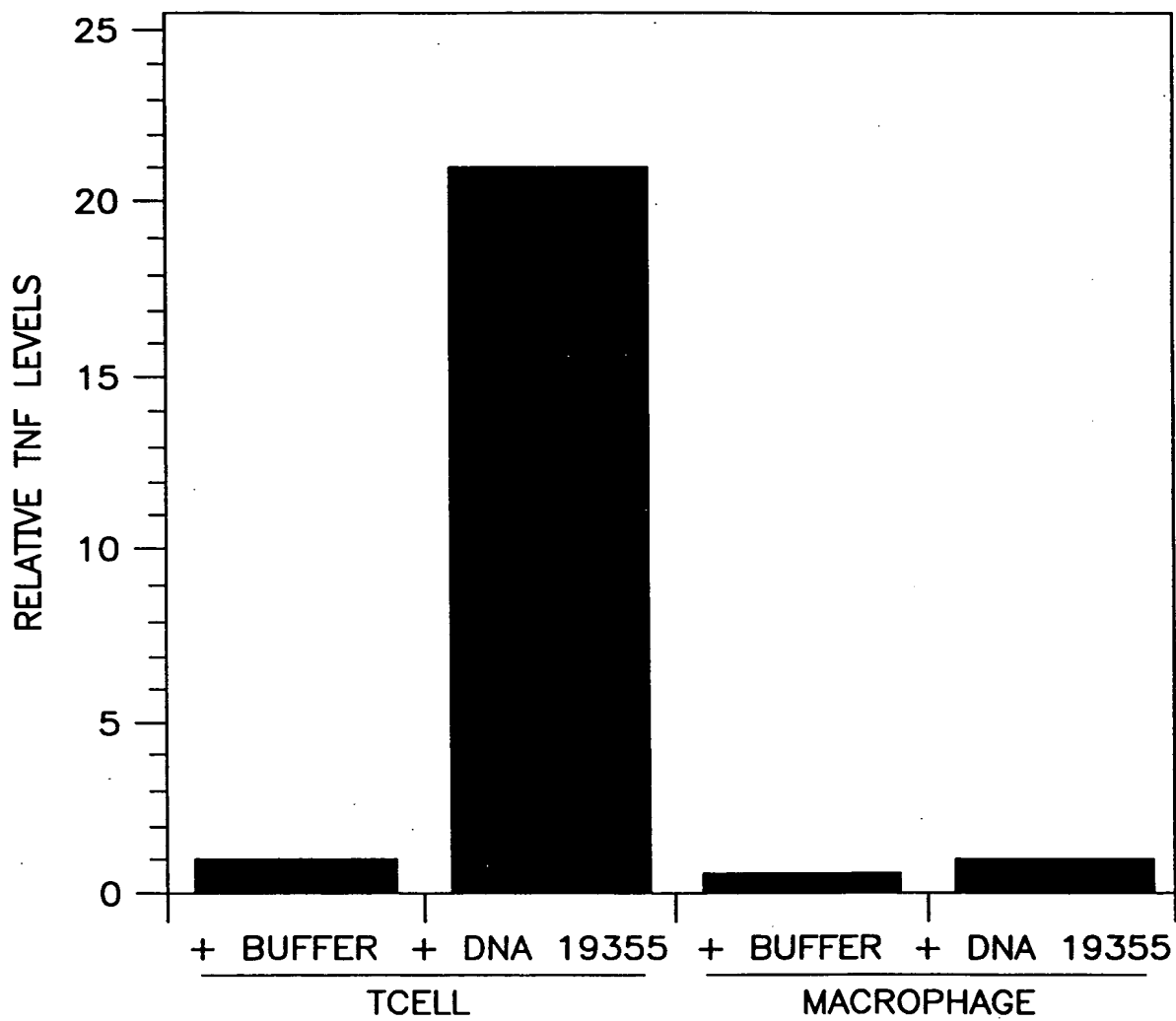


FIG. 11